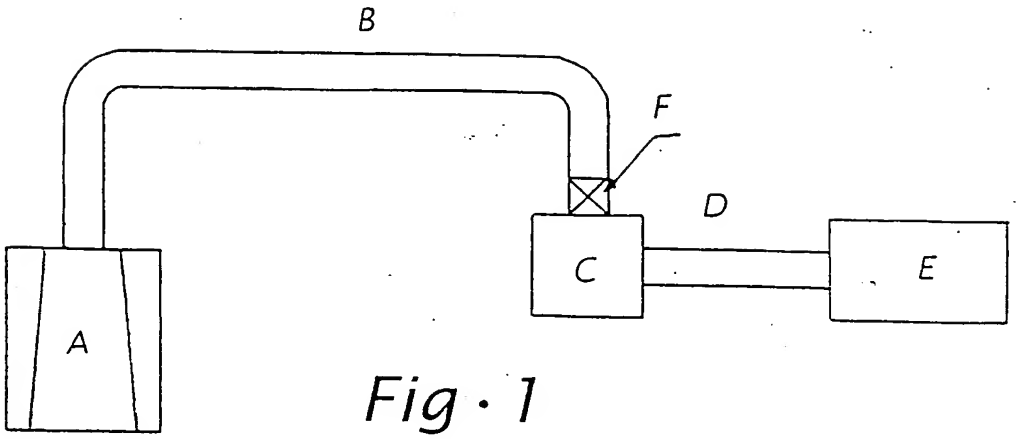


Fig · 1

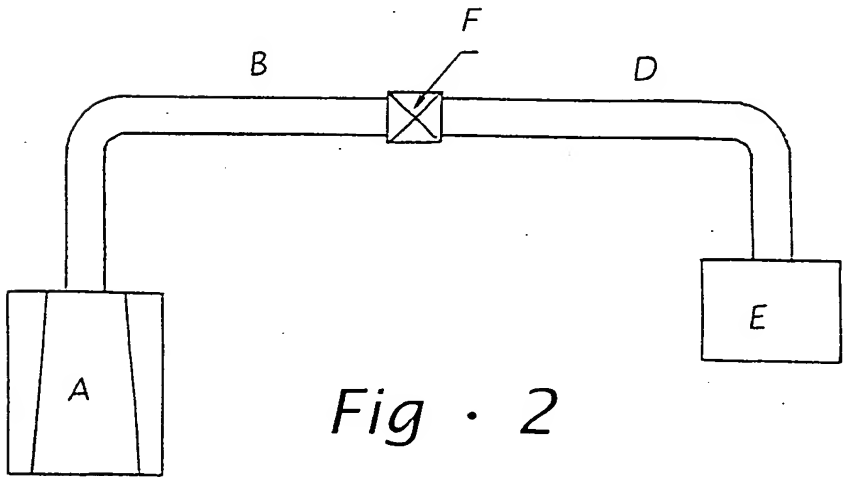


Fig · 2

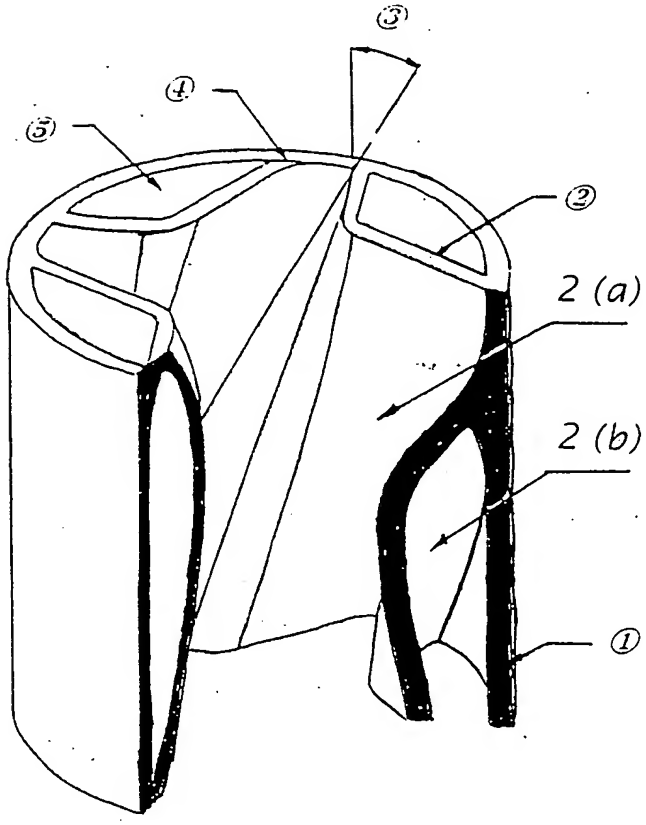


Fig · 3

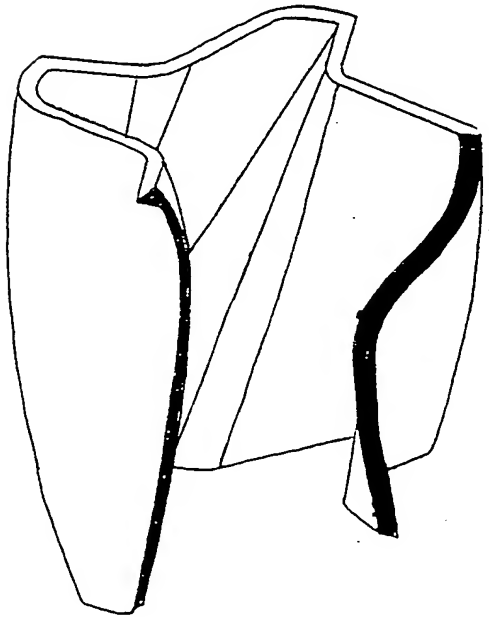

Fig · 4

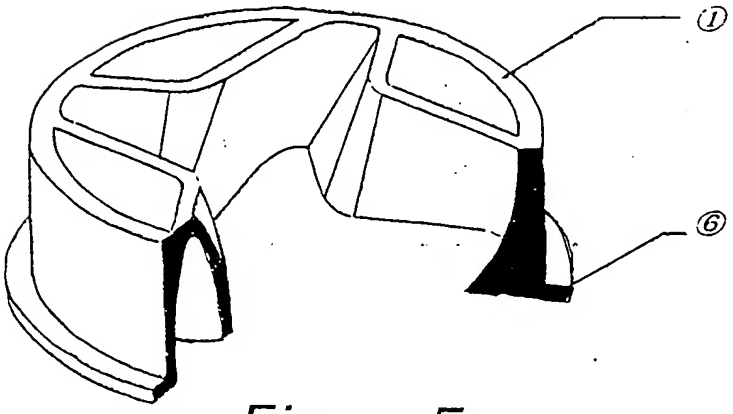


Fig · 5a

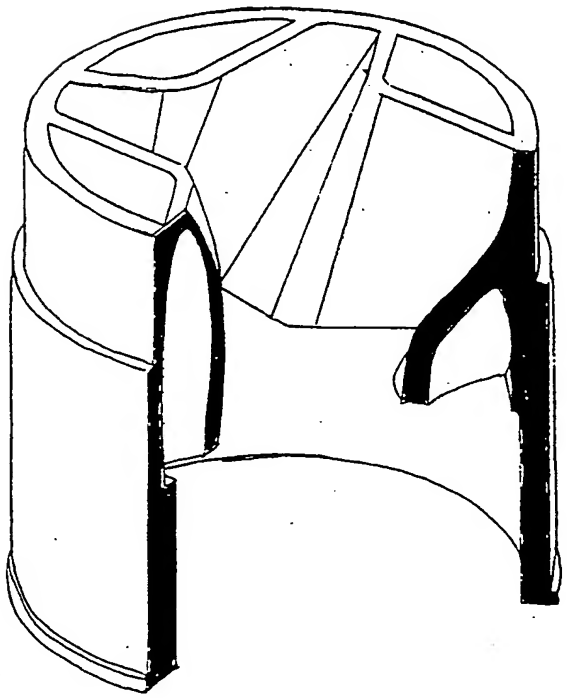

Fig · 5b

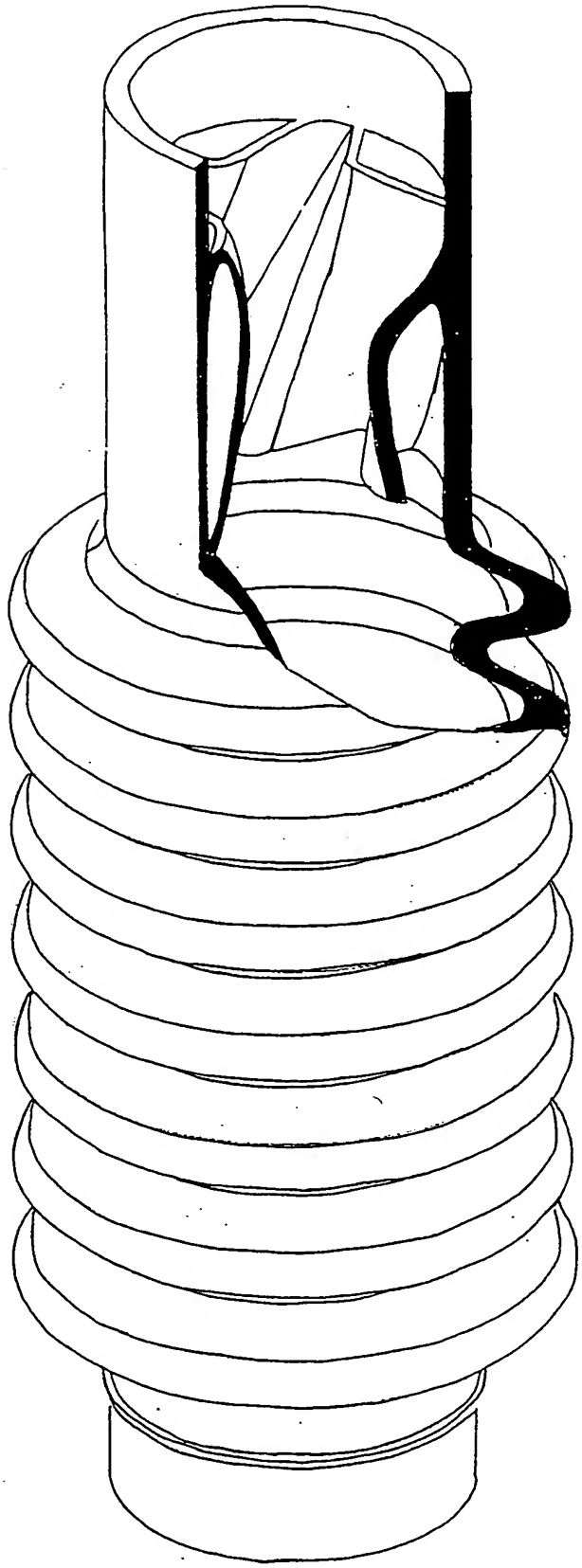

Fig · 5c

*Test results showing the relation between fuel consumed (in secs) and power produced (in hp) by an internal combustion engine using three different types of air-twisting device*

| No | Machine rpm | Standard | | PCT/IB99/0029 | | New Invention | |
|---|---|---|---|---|---|---|---|
| | | Power (hp) | Fuel (Sec) | Power (hp) | Fuel (Sec) | Power (hp) | Fuel (Sec) |
| 1 | 1.000 | 2 | 48.16 | 3 | 51.05 | 4 | 68.20 |
| 2 | 1.500 | 15 | 24.78 | 15 | 46.58 | 17 | 37.16 |
| 3 | 2.000 | 25 | 13.99 | 26 | 19.91 | 26 | 31.60 |
| 4 | 2.500 | 35 | 8.63 | 38 | 15.35 | 41 | 18.73 |
| 5 | 3.000 | 49 | 6.66 | 50 | 10.68 | 56 | 14.54 |
| 6 | 3.500 | 67 | 5.55 | 66 | 8.57 | 73 | 7.41 |
| 7 | 4.000 | 81 | 4.90 | 82 | 6.01 | 91 | 4.96 |
| 8 | 4.500 | 101 | 3.37 | 102 | 3.39 | 99 | 3.34 |

- *Fuel in secs refers to the time needed to use up a 25 ml bulb*
- *Power Produced is power transmitted by wheel to dynamometer*

Fig · 6

*Graphs showing the relation between normal fuel consumption and power*

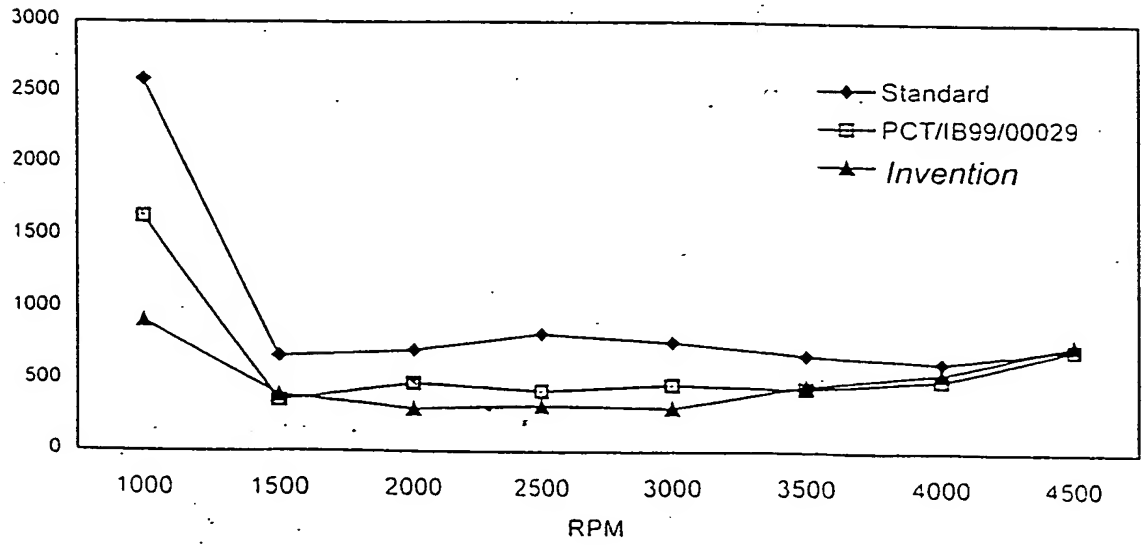


Fig · 7